# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Saturday 05 Feb 2022 until 23:59 on Sunday 06 Feb 2022

Forecast Issued on Friday 04 Feb 2022 at 12:12

**Confidence:** High for unsettled and often windy conditions through the coming days. Lower confidence for the timings or rain bands, especially early next week.

**Headline for Saturday 05 Feb 2022:** Persistent rain arriving, strong winds and feeling bitterly cold.

**Mountain weather hazards on Saturday 05 Feb 2022**

**Blizzards**
No Likelihood

**Gales**
High Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Severe chill effect**
High Likelihood

**Heavy persistent rain**
Medium Likelihood

**Storm force winds**
No Likelihood

**Poor visibility**
Medium Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Partly cloudy (night) | Partly cloudy (night) | Cloudy | Cloudy | Heavy Rain | Heavy Rain | Heavy Rain | Heavy Rain |
| Precipitation probability | | | | | | | |
| 20% | 20% | 20% | 40% | 70% | 90% | 90% | 70% |

**Forecast for Saturday 05 Feb 2022**

**Weather:** Mainly dry overnight with clear spells and isolated wintry showers. A dry start but rain, preceded by snow above 500m, will arrive during the morning. Rain will turn persistent and occasionally heavy by early afternoon then lasting for the rest of the day with little respite.

**Chance of cloud-free hill tops above 600m:** 70% overnight and to start the day but becoming 20% by the afternoon.

**Low cloud and visibility:** Patchy cloud and fog above 500 or 600m overnight but turning persistent and extensive through the morning with patches on lower slopes. Extensive fog giving difficult navigation conditions in the high tops and moors. Below the cloud, hazy, often down to a few km in rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Met Office Mountain Weather Forecast

**Forecast for Saturday 05 Feb 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 18/25 W | 21/28 W | 23/32 SW | 30/41 SW | 33/47 SW | 34/48 SW | 31/44 W | 30/43 W | 29/42 W |
| **300** | 13/21 W | 16/24 SW | 17/27 SW | 23/33 SW | 25/38 SW | 27/41 SW | 22/36 W | 23/36 W | 22/36 W |
| **Valley** | 8/21 W | 10/22 W | 11/26 SW | 14/31 SW | 17/37 SW | 18/38 SW | 17/37 W | 17/36 W | 16/34 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -1/-8 | -1/-8 | -1/-9 | 0/-8 | 2/-5 | 4/-4 | 3/-3 | 3/-3 | 2/-5 |
| **300** | 1/-4 | 1/-5 | 1/-5 | 3/-4 | 5/-1 | 6/0 | 6/1 | 6/0 | 5/-0 |
| **Valley** | 2/-2 | 2/-3 | 2/-3 | 3/-2 | 5/1 | 6/2 | 6/2 | 6/2 | 5/1 |
| **Freezing Level*** | 400m | 400m | 400m | 700m | 1000m | 1200m | 1100m | 1100m | 1000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Conditions deteriorating by late morning with unpleasant conditions setting on high ground due to rain, strong winds and poor visibility.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Fri 04 Feb 2022 | 6.6mm | 6.8mm | 15.4mm |

**Forecast for Sunday 06 Feb 2022**

**Weather:** Rain and summit snow clearing overnight. Bright spells and occasional showers, these falling as snow above 400m giving a light covering to the tops. A brighter day than Saturday but still bitterly cold with westerly gales on the tops and a severe wind chill. Becoming drier with longer clear spells in the evening.

**Maximum wind:** West or Northwest 30 to 40mph gusting 55mph, easing to 25mph gusting 35mph during the evening.

**Chance of cloud-free hill tops above 600m:** 70%.

**Low cloud and visibility:** Good for long periods between showers. Cloud descending to 500 or 600m at times with short spells of very poor visibility in sleet or snow showers.

**Temperature:** **Valleys:** Plus 6 or 7 Celsius, falling to Plus 1 Celsius in the evening.
**At 600m:** Plus 4 Celsius in early hours, falling to Plus 1 Celsius by morning.
**Freezing level:** Above summits overnight, falling to 600 or 700m.

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